

What is claimed is:

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*contd*
1. Image controlling circuit, comprising:
    - a copy guard detecting circuit detecting a copy guard signal included in an input video signal;
    - a video decoding circuit digitizing the input video signal; and
    - an image processing circuit processing screen information digitized by said video decoding circuit and storing the screen information processed to a storage device, in a case where said copy guard detecting circuit detects the copy guard signal.
  2. Image controlling circuit, comprising:
    - a copy guard detecting circuit detecting a copy guard signal included in an input video signal;
    - a video decoding circuit digitizing the input video signal; and
    - an image processing circuit preventing from storing screen information digitized by said video decoding circuit to a storage device, in a case where said copy guard detecting circuit detects the copy guard signal.
  3. Image controlling circuit, comprising:
    - a copy guard detecting circuit detecting a copy guard signal included in an input video signal;
    - a video decoding circuit digitizing the input video signal; and
    - an image processing circuit storing to a storage device,

both screen information digitized by said video decoding circuit and fact that said copy guard detecting circuit has detected the copy guard signal.

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Cont

4. The image controlling circuit as claimed in claim 3, further comprises:

a video encoding circuit encoding screen information and outputting a video signal;

wherein said image processing circuit farther comprises a circuit processing the screen information in a case where an output of screen information stored in the storage device is ordered.

- ✓ 5. The image controlling circuit as claimed in claim 3, further comprises:

a video encoding circuit encoding screen information and outputting a video signal; and

a prohibiting circuit preventing said video encoding circuit from outputting the video signal, in a case where an output of screen information stored in the storage device is ordered.

6. The image controlling circuit as claimed in claim 3, further comprises:

a video encoding circuit adding a copy guard signal to the output of screen information stored at the storage device, encoding and outputting a video signal.

7. Image controlling circuit, comprising:

a copy guard detecting circuit detecting a copy guard

signal included in an input video signal;

a video decoding circuit digitizing the input video signal;

an image processing circuit processing the video signal digitized by said video decoding circuit, in a case where said copy guard detecting circuit detects the copy guard signal; and

a video encoding circuit encoding the video signal processed by said image processing circuit and outputting the video signal.

8. Image controlling circuit, comprising:

a copy guard detecting circuit detecting a copy guard signal included in an input video signal;

a video decoding circuit digitizing the input video signal;

a video encoding circuit encoding screen information digitized by said video decoding circuit and outputting a video signal; and

a prohibiting circuit preventing said video encoding circuit from outputting the video signal, in a case where said copy guard detecting circuit detects the copy guard signal.

9. Image controlling circuit, comprising:

a copy guard detecting circuit detecting a copy guard signal included in an input video signal;

a video decoding circuit digitizing the input video

signal; and

a video encoding circuit adding a copy guard signal in a case where said copy guard detecting circuit detects the copy guard signal, encoding and outputting a video signal.

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Control*

10. Image controlling circuit controlling screen information which is recorded at a storage device, comprising:

an image processing circuit processing the screen information in a case where the screen information is protected from copying; and

a video encoding circuit encoding the screen information processed by said image processing circuit and outputting a video signal.

11. Image controlling circuit controlling screen information which is recorded at a storage device, comprising:

a video encoding circuit encoding the screen information and outputting a video signal; and

a prohibiting circuit preventing said video encoding circuit from outputting the video signal, in a case where the screen information is protected from copying.

12. Image controlling circuit controlling screen information which is recorded at a storage device, comprising:

a video encoding circuit adding a copy guard signal

in a case where the screen information is protected from copying, encoding the screen information and outputting a video signal.

13. A method for controlling image information, comprising the steps of:

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detecting a copy guard signal included in an input video signal;

digitizing the input video signal;

processing screen information digitized, in a case where the copy guard signal has been detected; and

storing the screen information processed to a storage device.

14. A method for controlling image information, comprising the steps of:

detecting a copy guard signal included in an input video signal;

digitizing the input video signal; and

preventing from storing screen information to a storage means, in a case where the copy guard signal has been detected.

15. A method for controlling image information, comprising the steps of:

detecting a copy guard signal included in an input video signal;

digitizing the input video signal; and

storing to a storage device, both screen information

digitized and fact that the copy guard signal has been detected.

16. A method for controlling image information as claimed in claim 15, further comprises the steps of:

processing the screen information stored at the storage device; and

outputting a video signal of the screen information processed.

✓17. A method for controlling image information as claimed in claim 15, further comprises the step of:

preventing from outputting the video signal, in a case where an output of screen information stored at the storage device is ordered.

18. A method for controlling image information as claimed in claim 15, further comprises the step of:

outputting the screen information as a video signal; and

adding a copy guard signal to the output of the video signal.

19. A method for controlling image information, comprising the steps of:

detecting a copy guard signal included in an input video signal;

digitizing the input video signal;

processing the video signal digitized, in a case where the copy guard signal has been detected; and

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outputting the video signal processed as a video signal.

20. A method for controlling image information, comprising the steps of:

detecting a copy guard signal included in an input video signal; and

preventing from outputting a video signal, in a case where the copy guard signal has been detected.

21. A method for controlling image information, comprising the steps of:

detecting a copy guard signal included in an input video signal;

digitizing the input video signal; and

adding a copy guard signal to an output of the video signal, in a case where the copy guard signal has been detected.

*Sub 025* 22. A method for controlling image information, comprising the steps of:

recording screen information digitized;

processing the screen information, in a case where the screen information is protected from copying; and

outputting a video signal of the screen information processed.

23. A method for processing image information, comprising the steps of:

recording screen information digitized; and

preventing from outputting the video signal, in a case where the screen information is protected from copying.

24. A method for processing image information, comprising  
the steps of:

recording screen information digitized;

outputting the screen information as a video signal;

and

adding a copy guard signal to the output of the video signal, in a case where the screen information is protected from copying.

25. A computer readable storage medium storing programs, where said programs make a computer system to execute an image controlling process, said process comprising the steps of:

detecting a copy guard signal included in an input video signal; and

processing screen information digitized out of the input video signal, in a case where the copy guard signal is detected.

26. A computer readable storage medium storing programs, where said programs make a computer system to execute an image controlling process, said process, comprising the steps of:

detecting a copy guard signal included in an input video signal; and

preventing from storing the input video signal

digitized, in a case where the copy guard signal is detected.

27. A computer readable storage medium storing programs, where said programs make a computer system to execute an image controlling process, said process, comprising the steps of:

detecting a copy guard signal included in an input video signal; and

storing to a storage device, both screen information digitized and fact that the copy guard signal has been detected.

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